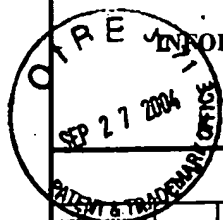
 <p><b>INFORMATION DISCLOSURE CITATION</b> (Use several sheets if necessary)</p>				Docket Number (Optional) <b>128954-3</b>		Application Number <b>10/733,062</b>		
				Applicant(s) <b>Guo, et al.</b>				
				Filing Date <b>December 11, 2003</b>		Group Art Unit <b>1713</b>		
				<b>U.S. PATENT DOCUMENTS</b>				
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>U.S. PATENT APPLICATION PUBLICATIONS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<b>OTHER DOCUMENTS</b> (Including Author, Title, Date, Pertinent Pages, Etc.)								
SP		International Search Report for PCT/US 03/39894 mailed December 8, 2004						
EXAMINER				DATE CONSIDERED				
/Sandra Poulos/				05/05/2006				
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*Docket Number (Optional)  
**128954-3**Application Number  
**10/733,062**Applicant(s)  
**Guo et al.**Filing Date  
**12/11/2003**

Group Art Unit

**U.S. PATENT DOCUMENTS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SP		US 2004/0146692 A1	7/29/2004	Inoue et al.			

**U.S. PATENT APPLICATION PUBLICATIONS**

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

**FOREIGN PATENT DOCUMENTS**

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, Etc.)*


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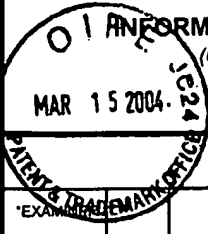
/Sandra Poulos/

DATE CONSIDERED

05/05/2006

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				ATTY DOCKET NO. 128954-3		SERIAL NO. 10/733,062	
				Guo et al.			
				FILING 12/11/2003		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SP	6,593,391	7/15/2003	Teutsch et al.				
↓	2001/0053820 A1	12/20/2001	Yeager et al.				
	2002/0120047	8/29/2002	Border et al.				
	2002/0120048	8/29/2002	Border et al.				
	2002/0169256 A1	11/14/2002	Merfeld et al.				
	2002/0173597 A1	11/21/2002	Zarnoch et al.				
	2002/0177027 A1	11/28/2002	Yeager et al.				
	2003/0096123 A1	5/22/2003	Yeager				
	2003/0215588 A1	11/20/2003	Yeager et al.				
	3,375,228	3/26/1968	Holoch et al.				
	↓	4,148,843	4/10/1979	Goossens			
<b>FOREIGN PATENT DOCUMENTS</b>							
SP	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
↓	DE 31 17 514 A1	2.5.81	German			✓	
	DE 41 03 140 A1	2.2.91	German			✓	
	EP 0 261 574	13.11.91	European				✓
	WO 02/079301 A2	10.10.2002	PCT				✓
	WO 93/04117	04.03.93	PCT				✓
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
SP		Pugh et al. "Group Transfer Polymerization of Some Unusual Acrylates and Methacrylates", Polym. Prepr. (Am. Chem. Soc., Div. Polym. Chem.) (1985), 26 (2), 303-5					
SP		S. J. Monte et al., "A New Generation of Age and Water Resistant Reinforced Plastics", ANTEC, 1979, Section 16-E, pages 1-10					
EXAMINER <div style="text-align: center;">/Sandra Poulos/</div>				DATE CONSIDERED 05/05/2006			
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				Guo et al.				
				FILING <b>12/11/2003</b>		GROUP		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SP		4,528,235	7/9/1985	Sacks et al.				
		4,562,243	12/31/1985	Percec				
		4,618,528	10/21/1986	Sacks et al.				
		4,634,742	1/6/1987	Percec				
		4,663,402	5/5/1987	Percec et al.				
		4,665,137	5/12/1987	Percec				
		4,677,185	6/30/1987	Heitz et al.				
		4,701,514	10/20/1987	Percec				
		4,739,007	4/19/1988	Okada et al.				
		4,760,118	7/26/1988	White et al.				
↓		4,806,601	2/21/1989	Percec				
<b>FOREIGN PATENT DOCUMENTS</b>								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
SP		WO 93/11190	10.06.93	PCT				✓
SP		WO 95/14733	01.06.95	PCT				✓
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
SP		L. B. Cohen, "Zirconaluminates Strengthen Premium Ranges of Chemical Coupling Agents", <i>Plastics Engineering</i> , Vol. 39, No. 11, pages 29-32 (1983)						
SP		S. J. Monte et al., "Coupling Composites with Titanate During Extrusion Processing", <i>Modern Plastics</i> , May 1984, pages 74-78						
EXAMINER <b>/Sandra Poulos/</b>				DATE CONSIDERED <b>05/05/2006</b>				
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				Guo et al.			
				FILING <b>12/11/2003</b>		GROUP	

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	
SP	4,810,734	3/7/1989	Kawasumi et al.				
	4,874,728	10/17/1989	Elliott et al.				
	4,889,885	12/26/1989	Usuki et al.				
	4,923,932	5/8/1990	Katayose et al.				
	5,071,922	12/10/1991	Nelissen et al.				
	5,079,268	1/7/1992	Nelissen et al.				
	5,091,480	2/25/1992	Percec				
	5,171,761	12/15/1992	Penco et al.				
	5,218,030	6/8/1993	Katayose et al.				
	5,219,951	6/15/1993	Nelissen et al.				
V	5,304,600	4/19/1994	Nelissen et al.				

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		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		
SP		"Plastic Additives Handbook, 4th Edition" R. Gachter and H. Muller (eds.), P. P. Klemchuck (assoc. ed) Hansen Publishers, New York 1993, pages 914-935
SP		Chem. Mater. 1996, 8, 1584-1587, Shi et al., "Interfacial Effects on the Reinforcement Properties of Polymer-Organoclay Nanocomposites"

EXAMINER <div style="text-align: center;">/Sandra Poulos/</div>	DATE CONSIDERED <div style="text-align: center;">05/05/2006</div>
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				Guo et al.			
				FILING 12/11/2003		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SP		5,310,820	5/10/1994	Nelissen et al.			
		5,338,796	8/16/1994	Vianello et al.			
		5,385,776	1/31/1995	Maxfield			
		5,407,972	4/18/1995	Smith et al.			
		5,552,469	9/3/1996	Beall et al.			
		5,578,672	11/26/1996	Beall et al.			
		5,698,624	12/16/1997	Beall et al.			
		5,760,121	6/2/1998	Beall et al.			
		5,834,565	11/10/1998	Tracy et al.			
		5,877,248	3/2/1999	Beall et al.			
↓		5,965,663	10/12/1999	Hayase			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<b>OTHER DOCUMENTS</b> <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>							
SP		Chem. Mater. 1994, 6, 468-474, Wang et al., "Clay-Polymer Nanocomposites Formed from Acidic Derivatives of Montmorillonite and an Epoxy Resin"					
SP		Chem. Mater. 1994, 6, 1719-1725, Messersmith et al., "Synthesis and Characterization of Layered Silicate-Epoxy Nanocomposites"					
EXAMINER /Sandra Poulos/				DATE CONSIDERED 05/05/2006			
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				Guo et al.			
				FILING 12/11/2003		GROUP	
<b>U.S. PATENT DOCUMENTS</b>							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
SP		6,051,662	4/18/2000	Tracy et al.			
		6,228,903	5/8/2001	Beall et al.			
		6,251,308	6/26/2001	Butler			
		6,287,992	9/11/2001	Polansky et al.			
		6,306,963	10/23/2001	Lane et al.			
		6,352,782	3/5/2002	Yeager et al.			
		6,384,176	5/7/2002	Braat et al.			
		6,469,124	10/22/2002	Braat et al.			
		H 521	9/6/1988	Fan			
		6,521,703	2/18/2003	Zarnoch et al.			
		6,617,398 B2	9/9/2003	Yeager et al.			
<b>FOREIGN PATENT DOCUMENTS</b>							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>							
SP		Chem. Mater. 1995, 7, 2144-2150, Lan et al., "Mechanism of Clay Tactoid Exfoliation in Epoxy-Clay Nanocomposites"					
SP		Reichle et al., "Catalytic Reactions by Thermally Activated, Synthetic, Anionic Clay Materials", Journal of Catalysis 94, 547-557 (1985)					
EXAMINER <div style="text-align: center;">/Sandra Poulos/</div>				DATE CONSIDERED 05/05/2006			
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				Applicant(s) <b>Guo et al.</b>				
				Filing Date <b>12/11/2003</b>		Group Art Unit		
<b>U.S. PATENT DOCUMENTS</b>								
*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE	
SP  		<b>6,627,704 B2</b>	<b>9/30/2003</b>	<b>Yeager et al.</b>				
		<b>6,627,708</b>	<b>9/30/2003</b>	<b>Braat et al.</b>				
		<b>6,645,569</b>	<b>11/11/2003</b>	<b>Cramer et al.</b>				
		<b>6,646,302</b>	<b>11/11/2003</b>	<b>Kan et al.</b>				
		<b>6,652,967</b>	<b>11/25/2003</b>	<b>Yadav et al.</b>				
<b>FOREIGN PATENT DOCUMENTS</b>								
	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
							YES	NO
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>								
EXAMINER  <b>/Sandra Poulos/</b>				DATE CONSIDERED  <b>05/05/2006</b>				
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